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PATENTS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
KARY B. MULLIS )  
Application No.: 10/696,770 ) Attorney Docket No. 13721.105005  
Filed: October 29, 2003 ) Examiner: Davis A. Saunders  
For: CHEMICALLY PROGRAMMABLE IMMUNITY ) Art Unit: 1644  
)  
)

**FIRST AMENDMENT AND RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed September 12, 2006, please enter the following amendments and consider the following remarks. Enclosed with this Response is a petition for a three month extension of time extending the period for response up to and including March 12, 2007.

**Amendments to the Claims** begin on page 2 of this paper.

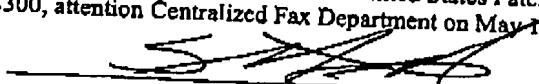
**Remarks** begin on page 4 of this paper.

**Conclusions** begin on page 9 of this paper.

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**CERTIFICATE OF MAILING (37 CFR 1.8a)**

I hereby certify that this correspondence is being sent to the United States Patent and Trademark Office via facsimile transmission to 571-273-8300, attention Centralized Fax Department on May 17, 2007.

  
Stephen C. MacDonald, Reg. No. L0063